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Access DB# 90382

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: JEFFEREY HAROLD Examiner #: 78585 Date: 03/31/03  
Art Unit: 2644 Phone Number 306 5836 Serial Number: 09/15/670  
Mail Box and Bldg/Room Location: CPK 2 8102 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: POCKET SPEAKER PHONE

Inventors (please provide full names): Steven Kaufman John Veschi

Earliest Priority Filing Date: 9/11/98

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

04-21-03 A08:16 IN

## STAFF USE ONLY

Searcher: <u>Tern Keadle</u>	Type of Search	Vendors and cost where applicable
Searcher Phone #: <u>306-0254</u>	NA Sequence (#) _____	STN _____
Searcher Location: <u>PK 2 3105</u>	AA Sequence (#) _____	Dialog _____
Date Searcher Picked Up: <u>4/2/03</u>	Structure (#) _____	Questel/Orbit _____
Date Completed: <u>4/3/03</u>	Bibliographic <input checked="" type="checkbox"/>	Dr. Link _____
Searcher Prep & Review Time: <u>250</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis _____
Clerical Prep Time: _____	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Online Time: <u>191</u>	Patent Family _____	WWW/Internet _____
	Other _____	Other (specify) _____

April 3, 2003

File 344:Chinese Patents Abs Aug 1985-2003/Jan  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)  
(c) 2003 JPO & JAPIO  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200322  
(c) 2003 Thomson Derwent

Set	Items	Description
S1	18	AU='KAUFMAN S B'
S2	11	AU='VESCHI J P'
S3	0	S1 AND S2

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1/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013083895 \*\*Image available\*\*  
WPI Acc No: 2000-255767/200022  
XRPX Acc No: N00-190115

**Pre-recorded outgoing greeting message module for telephone answering device**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: KAUFMAN S B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6035018	A	20000307	US 98184745	A	19981103	200022 B

Priority Applications (No Type Date): US 98184745 A 19981103

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6035018	A	13	H04M-001/64	

Abstract (Basic): US 6035018 A

NOVELTY - The module includes a controller for gaining access over a telephone line to several pre-recorded outgoing greeting messages. A memory location stores a digital representation of a selected one of pre-recorded messages. A download module downloads over the telephone line the selected outgoing greeting message for storage directly in the outgoing message memory location.

The outgoing message memory location is non-volatile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a method of accessing, selecting and downloading a pre-recorded digital outgoing greeting message with a telephone answering device from an external source.

USE - For both home and office environments.

ADVANTAGE - Allows user who does not wish to produce own personalised message to choose from several pre-recorded options for greater flexibility. Provides greater security for e.g. younger person living alone who is able to choose message spoken by authoritative sounding person.

DESCRIPTION OF DRAWING(S) - The figure shows the process by which a pre-recorded greeting is downloaded.

pp; 13 DwgNo 3/7

Title Terms: PRE; RECORD; OUTGOING; GREETING; MESSAGE; MODULE; TELEPHONE; ANSWER; DEVICE

Derwent Class: W01

International Patent Class (Main): H04M-001/64

File Segment: EPI

1/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

013023531 \*\*Image available\*\*  
WPI Acc No: 2000-195382/200017  
XRPX Acc No: N00-144528

**Resource and project management system for the development of graphical images for packaging, creates database structures that can store meta data without requiring the presence of a file or image**

Patent Assignee: SCHAWK INC (SCHA-N)

Inventor: BRAUN W H; BRUCE M; KAUFMAN S B ; LAMBERT R; MILLER B; ZIEGLER R ; ZEIGLER R

Number of Countries: 087 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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April 3, 2003

International Patent Class (Additional): G06F-012/00  
File Segment: EPI

1/5/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012508787 \*\*Image available\*\*  
WPI Acc No: 1999-314892/199927  
XRPX Acc No: N99-235347

**Wireless remote synchronization of data between personal computer and  
personal digital assistant**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: KAUFMAN S B

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 917077	A2	19990519	EP 98309401	A	19981117	199927 B
JP 11252666	A	19990917	JP 98325578	A	19981116	199949
US 6034621	A	20000307	US 97972453	A	19971118	200019

Priority Applications (No Type Date): US 97972453 A 19971118

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 917077	A2	E	12	G06F-017/60	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

JP 11252666	A		9	H04Q-007/38	
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US 6034621	A			H04Q-007/00	
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Abstract (Basic): EP 917077 A2

NOVELTY - A paging network (152) is used to accomplish automatic synchronization of data in the data file (608) of a personal computer (PC) (600) with data in the file (614) of a personal digital assistant (PDA) (602). The PC includes a conventional scheduling program (606) and is connected to a modem (150) establishing a connection with the network (152) through a public switched telephone network (724). Each PDA system (100) includes a conventional scheduling program (612) with a conventional two-way pager (154) transmitting data. A parallel connection may be established between the two-way pager and the personal computer memory card international association port of the PDA

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a portable computing device

USE - Synchronizing of calendar and contact-related data between PC and remote PDA

ADVANTAGE - Simplified, discrete and automatic synchronization of data

DESCRIPTION OF DRAWING(S) - The drawing is a first embodiment of the present invention utilizing two-way paging network to synchronize data

Paging networks (152,154)

Data files (608,614)

PC (600)

Scheduling programs (606,612)

Modem (150)

PDA (602)

pp; 12 DwgNo 1/7

Title Terms: WIRELESS; REMOTE; DATA; PERSON; COMPUTER; PERSON; DIGITAL;  
ASSIST

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60; H04Q-007/00; H04Q-007/38

International Patent Class (Additional): G06F-015/02

File Segment: EPI

April 3, 2003

WO 200007125	A1	20000210	WO 99US17335	A	19990730	200017	B
AU 9953291	A	20000221	AU 9953291	A	19990730	200029	
BR 9913349	A	20010515	BR 9913349	A	19990730	200130	
			WO 99US17335	A	19990730		
EP 1101174	A1	20010523	EP 99938908	A	19990730	200130	
			WO 99US17335	A	19990730		
CN 1334940	A	20020206	CN 99809960	A	19990730	200231	
JP 2002521768	W	20020716	WO 99US17335	A	19990730	200261	
			JP 2000562847	A	19990730		

Priority Applications (No Type Date): US 9894912 P 19980731

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200007125 A1 E 125 G06F-017/30

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9953291 A G06F-017/30 Based on patent WO 200007125

BR 9913349 A G06F-017/30 Based on patent WO 200007125

EP 1101174 A1 E G06F-017/30 Based on patent WO 200007125

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

CN 1334940 A G06F-017/30

JP 2002521768 W 165 G06F-017/60 Based on patent WO 200007125

Abstract (Basic): WO 200007125 A1

NOVELTY - Computer code in server (15) stores user data hierarchically such that instead of placing all the data (images, attributes, event lists) into a single large database, it is organized and stored in a tree-like structure. Preferably, there are actually two simultaneous data hierarchies, a brand hierarchy and a project hierarchy, providing an organization to the user (16) and the SQL database engine (17) which mimics the relationships found in a standard business cycle.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a system for resource and project management;

(b) a method for resource and project management.

USE - For keeping track of and managing projects in the development of graphic images for product packaging within the pre-press industry. The system also provides for managing assets used in the development of graphic images for product packaging.

ADVANTAGE - The hierarchical structure provides an efficient method for organizing the data but also mimics the relationships found in the standard business cycle. The computer code resides on a communications server and so is easily updated when product enhancements are created, eliminating the need to update software on each computer which runs the system. Due to high level availability of the client software, the system can be operated from a computer almost anywhere in the world without installing special software, as long as the communications server is located on a wide area network such as the Internet.

DESCRIPTION OF DRAWING(S) - The figure is a functional block diagram of a system suitable for the management software.

Communications server (15)

Client computer (16)

SQL database engine (17)

pp; 125 DwgNo 1/80

Title Terms: RESOURCE; PROJECT; MANAGEMENT; SYSTEM; DEVELOP; GRAPHICAL;  
IMAGE; PACKAGE; DATABASE; STRUCTURE; CAN; STORAGE; META; DATA; REQUIRE;  
PRESENCE; FILE; IMAGE

Derwent Class: T01

International Patent Class (Main): G06F-017/30; G06F-017/60

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1/5/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012328865 \*\*Image available\*\*  
WPI Acc No: 1999-134972/199912  
XRPX Acc No: N99-098532

Paging function option for telephone answering machine - has answering machine responding after number of rings and deciding from caller ID data whether to initiate paging call or simply leave recorded message  
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )  
Inventor: KAUFMAN S B  
Number of Countries: 027 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 898407	A2	19990224	EP 98306388	A	19980811	199912 B
JP 11220551	A	19990810	JP 98234802	A	19980821	199942
KR 99023718	A	19990325	KR 9833705	A	19980820	200024

Priority Applications (No Type Date): US 97915780 A 19970821  
Cited Patents: No-SR.Pub  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 898407	A2	E	10	H04M-003/42	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
JP 11220551	A		8	H04M-011/00	
KR 99023718	A			H04M-001/26	

Abstract (Basic): EP 898407 A

The telephone answering machine (105) is connected between a conventional telephone (109) and the telephone line interface (107). When a number of rings has been reached on an incoming call, the machine answers the call. The caller ID received is analysed (11) and different responses applied.

If the caller is recognised then the machine can place a paging call advising the called party of the received call. Otherwise the caller is only allowed to leave a message (119).

USE - Call forwarding in answering machines.

ADVANTAGE - Allows message to be immediately sent to called person providing caller has required status.

DESCRIPTION OF DRAWING - Answering machine. List of parts: (105) Answering machine; (107) Line interface; (11) Caller identification and selection; (113) Paging circuit; (115) Recording function; (119) Caller identification.

Dwg.1/5

Title Terms: PAGE; FUNCTION; OPTION; TELEPHONE; ANSWER; MACHINE; ANSWER; MACHINE; RESPOND; AFTER; NUMBER; RING; DECIDE; CALL; ID; DATA; INITIATE; PAGE; CALL; SIMPLE; LEAVE; RECORD; MESSAGE

Derwent Class: W01; W05

International Patent Class (Main): H04M-001/26; H04M-003/42; H04M-011/00

International Patent Class (Additional): H04L-012/28; H04L-012/46;

H04M-001/00; H04M-001/57; H04M-003/02; H04M-003/50; H04M-011/02

File Segment: EPI

1/5/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012328864 \*\*Image available\*\*

WPI Acc No: 1999-134971/199912

XRPX Acc No: N99-098531

Paging function option for telephone answering machine - has answering machine responding after number of rings and optionally giving caller choice of initiating paging call or simply leaving recorded message

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: KAUFMAN S B

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 898406	A2	19990224	EP 98306564	A	19980818	199912 B
JP 11146069	A	19990528	JP 98234647	A	19980820	199932
KR 99023717	A	19990325	KR 9833704	A	19980820	200024

Priority Applications (No Type Date): US 97915779 A 19970821

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 898406	A2	E	9 H04M-001/65	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 11146069	A	9 H04M-003/50	
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KR 99023717	A	H04M-001/64	
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Abstract (Basic): EP 898406 A

The telephone answering machine (105) is connected between a conventional telephone (109) and the telephone line interface (107). When a number of rings has been reached on an incoming call, the machine answers the call.

Possibly conditional on specific caller ID's being detected, the caller is given an option of either leaving a message or of triggering a paging call. The paging call can include the caller's ID, time of call and whether a message was also left.

USE - Call forwarding in answering machines.

ADVANTAGE - Allows message to be immediately sent to called person providing caller has required status.

DESCRIPTION OF DRAWING - Answering machine. List of parts: (105) Answering machine; (107) Line interface; (113) Paging circuit; (115) Recording function; (119) Caller identification.

Dwg.1/3

Title Terms: PAGE; FUNCTION; OPTION; TELEPHONE; ANSWER; MACHINE; ANSWER; MACHINE; RESPOND; AFTER; NUMBER; RING; OPTION; CALL; CHOICE; INITIATE; PAGE; CALL; SIMPLE; LEAVE; RECORD; MESSAGE

Derwent Class:-W01; W05

International Patent Class (Main): H04M-001/64; H04M-001/65; H04M-003/50

International Patent Class (Additional): H04M-003/42

File Segment: EPI

1/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011998882 \*\*Image available\*\*

WPI Acc No: 1998-415792/199836

XRPX Acc No: N98-323725

Patient assistance device e.g. for dispensing medication - has housing with location which holds one dose of medication to user with device prompting user to take medication held by it with video camera on housing records visual images of user in response to prescribed command

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Patent Assignee: HEALTHTECH SERVICES CORP (HEAL-N)

Inventor: KAUFMAN S B ; STANTON M K

Number of Countries: 024 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 857456	A1	19980812	EP 97308986	A	19971110	199836 B

Priority Applications (No Type Date): US 96751005 A 19961115

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 857456	A1	E	53	A61B-005/00	
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Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): EP 857456 A

The device comprises a housing and a monitoring element on the housing has an input to receive patient condition information regarding physiological condition of a patient. An image acquiring element on the housing is operable to acquire an image of a body region of the patient.

A memory on the housing is coupled to the monitoring element and the image acquiring element stores both the image and the patient condition information. The device has a transmitting element on the housing coupled either to the memory or the monitoring element or both to download patient condition information to a remote location.

ADVANTAGE - Not only assists user in following prescribed medication regime, but also to visually monitor and record user's demeanor, physical appearance and general well-being.

Dwg.20/32

Title Terms: PATIENT; ASSIST; DEVICE; DISPENSE; MEDICATE; HOUSING; LOCATE; HOLD; ONE; DOSE; MEDICATE; USER; DEVICE; PROMPT; USER; MEDICATE; HELD; VIDEO; CAMERA; HOUSING; RECORD; VISUAL; IMAGE; USER; RESPOND; PRESCRIBED; COMMAND

Derwent Class: P31; P33; S05; T04; W02; W04

International Patent Class (Main): A61B-005/00

International Patent Class (Additional): A61J-007/00; H04N-007/18

File Segment: EPI; EngPI

1/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009987180 \*\*Image available\*\*

WPI Acc No: 1994-254891/199431

XRAM Acc No: C94-116575

XRPX Acc No: N94-200700

**Medication packages dispenser - contains stack in storage compartment with upwardly sprung floor and top package dispensing pusher**

Patent Assignee: HEALTHTECH SERVICES CORP (HEAL-N)

Inventor: BOW C F; DEVITO R J; DIGIANFILIPPO A; KAUFMAN S B ; SAGER T L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5335816	A	19940809	US 89415085	A	19890929	199431 B
			US 91784664	A	19911024	
			US 92919625	A	19920724	

Priority Applications (No Type Date): US 89415085 A 19890929; US 91784664 A 19911024; US 92919625 A 19920724

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5335816	A		17	B65G-059/00	Cont of application US 89415085
					Cont of application US 91784664

Abstract (Basic): US 5335816 A

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Dispenser (100) for sealed medication packages (102), contains a stick in a storage compartment (104) having a floor (122) urged upwardly by a spring. A top package (128) of the stack is dispensed through a top discharge opening by operating a horizontally reciprocable pusher (130) which is not advanced if its path is impeded. The dispenser has a control system.

Pref. compartment top wall is openable for loading in the packages.

USE - Used for home care esp. of elderly patients.

Dwg.7/13

Title Terms: MEDICATE; PACKAGE; DISPENSE; CONTAIN; STACK; STORAGE;

COMPARTMENT; UP; SPRING; FLOOR; TOP; PACKAGE; DISPENSE; PUSHER

Derwent Class: B07; Q35

International Patent Class (Main): B65G-059/00

File Segment: CPI; EngPI

1/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009555907 \*\*Image available\*\*

WPI Acc No: 1993-249454/199331

XRAM Acc No: C93-110636

XRPX Acc No: N93-192074

**Dispenser for pills in pockets in elongate strip - uses cassette with supply and take-up reels and intermediate punch**

Patent Assignee: HEALTHTECH SERVICES CORP (HEAL-N)

Inventor: BUDNIAK M S; DIGIANFILIPPO A; HITCHCOCK J R; KAUFMAN S B ; SAGER

T L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5230441	A	19930727	US 89414960	A	19890929	199331 B
			US 91737205	A	19910729	

Priority Applications (No Type Date): US 89414960 A 19890929; US 91737205 A 19910729

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5230441	A	19	G07F-011/66	Cont of application US 89414960 Cont of patent US 5102008

Abstract (Basic): US 5230441 A

Medication is prepacked in individual pockets along a strip. It is dispensed using a cassette. This houses a dispenser mechanism positioned between a supply reel and a take-up reel. A drive has two gears engaging the two reels, and an intermediate strip tensioner. This tensions the strip in the dispenser.

The cassette also has a holding device keeping the strip in contact with the tensioner during installation and means for moving the holding device away from the strip after installation. A control operates the gears to advance the strip from the supply to take up reel, and to move the dispenser into contact with the strip to open up a pocket to expel the medication.

Pref. system includes a roll (308) of pills (302) spaced along a continuous strip (306) and take up reel (330). Roll (308) is received on an idler shaft (318), and reel (330) on a drive shaft (320). The strip of pills passes through dispenser (314) and is guided in a desired path by idler rollers (332-338) which maintain a desired degree of tension in the strip. The dispenser includes an assembly (340) for expelling the pills from the strip. It pref. punches a hole in the strip.

USE - The system forms part of an automated, home care, patient health monitoring system, and dispenses medicaments either on a timed basis or when receiving a signal from a central facility to which it is

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linked. It may be controlled verbally by the patient.

Dwg.3/14

Title Terms: DISPENSE; PILL; POCKET; ELONGATE; STRIP; CASSETTE; SUPPLY;  
TAKE-UP; REEL; INTERMEDIATE; PUNCH  
Derwent Class: B07; S05; X25; X27  
International Patent Class (Main): G07F-011/66  
File Segment: CPI; EPI

1/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009432208 \*\*Image available\*\*

WPI Acc No: 1993-125724/199315

Related WPI Acc No: 1992-339881

XRAM Acc No: C93-055904

XRFX Acc No: N93-095974

**Delivery system for tablets and caplets - has cassettes fitting mating  
slots in dispenser with controller to operate cassette shuttles**

Patent Assignee: HEALTHTECH SERVICES CORP (HEAL-N)

Inventor: DEVITO R J; DIGIANFILIPPO A; KAUFMAN S B ; SAGER T L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5197632	A	19930330	US 89414921	A	19890929	199315 B
			US 91737206	A	19910729	

Priority Applications (No Type Date): US 89414921 A 19890929; US 91737206 A  
19910729

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5197632	A		21	B65H-001/00	Cont of application US 89414921 Cont of patent US 5148944

Abstract (Basic): US 5197632 A

A system comprises two cassettes (202) each with a housing of different size and holding a storage chamber, a dispensing chamber and a self-contained shuttle (222). A dispenser (204) has two slots (250) each sized to receive a specific one of the cassettes but not the other. A self-contained linkage is associated with each slot to engage the shuttle of an inserted cartridge.

A controller independently actuates the linkages to dispense medicament from an inserted cassette. The dispenser pref. has a scanner to read coded information on an inserted cassette and compare it with stored information, emitting an error signal when the information does not conform. The controller may store a medication schedule and actuate the linkages on the basis of this.

ADVANTAGE - Provides increased assurance that a prescribed regimen will be followed.

Dwg.13/13

Title Terms: DELIVER; SYSTEM; TABLET; CASSETTE; FIT; MATE; SLOT; DISPENSE;  
CONTROL; OPERATE; CASSETTE; SHUTTLE  
Derwent Class: B07; Q36; S05  
International Patent Class (Main): B65H-001/00  
File Segment: CPI; EPI; EngPI

1/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009212459 \*\*Image available\*\*

WPI Acc No: 1992-339881/199241

XRAM Acc No: C92-151218

April 3, 2003

XRPX Acc No: N92-259185

**Automatic pills or capsules dispenser - has several storage compartments above dispensing chamber contg. movable delivery shuttle**

Patent Assignee: HEALTH TECH SERVICES CORP (HEAL-N)

Inventor: DE VITO R J; DIGIANFILIPPO A; KAUFMAN S B ; SAGER T L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5148944	A	19920922	US 89414921	A	19890929	199241 B

Priority Applications (No Type Date): US 89414921 A 19890929

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5148944	A		22	B65G-059/00	

Abstract (Basic): US 5148944 A

Dispenser has at least two storage compartments (208) above a dispensing chamber (216) contg. a movable delivery shuttle (212) which picks up a capsule (44) from the first compartment which contains a capsule (44) as the shuttle is advanced, and drops the capsule (220), as the shuttle is returned, through a delivery aperture (220).

Specifically, the shuttle (212) has a recess (224) sized to receive only one capsule (44) from a storage compartment. Pref. a housing contains two or more dispensers which shuttles (212) operable independently by control appts..

USE - For dispensing drugs automatically to elderly patients in their homes.

Dwg.11/13

Title Terms: AUTOMATIC; PILL; CAPSULE; DISPENSE; STORAGE; COMPARTMENT;

ABOVE; DISPENSE; CHAMBER; CONTAIN; MOVE; DELIVER; SHUTTLE

Derwent Class: B07; Q35; S05

International Patent Class (Main): B65G-059/00

File Segment: CPI; EPI; EngPI

1/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009013380 \*\*Image available\*\*

WPI Acc No: 1992-140715/199217

Related WPI Acc No: 1992-088070; 1992-131157; 1992-372702

XRAM Acc No: C92-065407

XRPX Acc No: N92-105216

**Dispenser for medicaments packaged in pockets on strip - opening pocket and expelling medicament from pocket for versatility**

Patent Assignee: HEALTHTECH SERV COR (HEAL-N)

Inventor: BUDNIAK M S; DIGIANFILI A; HITCHCOCK J R; KAUFMAN S B ; SAGER T L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5102008	A	19920407	US 89414960	A	19890929	199217 B

Priority Applications (No Type Date): US 89414960 A 19890929

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5102008	A		19		

Abstract (Basic): US 5102008 A

Strip (306) having pockets (304) contg. medicaments (302) along length is in a dispenser (300) which has holders (308,330) for receiving opposite ends of the strip, a drive mechanism (322,324,326) for advancing the strip along a path from one holder to the other and a dispensing mechanism (340) which has first assembly (348) which

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restricts movement of the medicament within the pocket as the assembly moves into contact with the strip, and as the pocket is opened, and a second assembly (342,346) which expels the medicament from the pocket, all under control of a control system. Pref. in medicament strip with supply and take up rolls can be in an integral replaceable cassette. The first assembly has punch member, with a central bore to accomodate the medicament which cuts a flap in the strip about the medicament, and the second assembly has edge member (342) and passage restricting roller (346) which expels the medicament from the strip. An optical sensor can detect the position of a medicament in the strip to initiate operation of the control system.

USE/ADVANTAGE - Overseas and corrdinates a complex medication regimen outside the support system of a hospital or pharmacy. Versatile system for managing the delivery of medication to a patient with patient monitoring and opt. assistance in a patients home or in a hospital or pharmacy.

(3/14)

Title Terms: DISPENSE; MEDICAMENT; PACKAGE; POCKET; STRIP; OPEN; POCKET;  
EXPUL; MEDICAMENT; POCKET; VERSATILE  
Derwent Class: B07; S05; T05  
International Patent Class (Additional): G07F-011/66  
File Segment: CPI; EPI

1/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008629001 \*\*Image available\*\*

WPI Acc No: 1991-133031/199118

XRPX Acc No: N91-102172

**Automated home-care patient health monitoring system - administrates complex medication at home without medical supervision and is responsive to physical environment**

Patent Assignee: HEALTHTECH SERVICES CORP (HEAL-N); HEALTH TECH SERVICES CORP (HEAL-N); HEALTHTECH SERVICES (HEAL-N); SHEBALIN A I (SHEB-I)

Inventor: DIGIANFILIPPO A; KAUFMAN S B ; MEYER A R; SAGER T L; DIGIANILI A ; KAUMAN S B

Number of Countries: 016 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9105311	A	19910418				199118 B
AU 9065193	A	19910428				199131
US 5036462	A	19910730	US 89414705	A	19890929	199133
EP 493510	A1	19920708	EP 90915043	A	19900928	199228
			WO 90US5603	A	19900928	
JP 5502530	W	19930428	JP 90514081	A	19900928	199322
			WO 90US5603	A	19900928	
AU 641187	B	19930916	AU 9065193	A	19900928	199344
EP 493510	A4	19930107	EP 90915043	A	19900000	199524
EP 493510	B1	19961113	EP 90915043	A	19900928	199650
			WO 90US5603	A	19900928	
DE 69029142	E	19961219	DE 629142	A	19900928	199705
			EP 90915043	A	19900928	
			WO 90US5603	A	19900928	

Priority Applications (No Type Date): US 89414705 A 19890929

Cited Patents: 2.Jnl.Ref; US 3743181; US 4712562; US 4731726; US 4803625;  
US 4839806; US 4933873; US 4942544; No-Citns.

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 493510	A1	E	62	G06F-015/42	Based on patent WO 9105311
JP 5502530	W			G06F-015/21	Based on patent WO 9105311
AU 641187	B			G06F-015/42	Previous Publ. patent AU 9065193 Based on patent WO 9105311

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EP 493510 B1 E 31 G06F-017/00 Based on patent WO 9105311  
Designated States (Regional): AT BE CH DE DK ES FR GB IT LI LU NL SE  
DE 69029142 E G06F-017/00 Based on patent EP 493510  
Based on patent WO 9105311

Abstract (Basic): WO 9105311 A

The system measures a preselected physical parameter of a patient (step 18) and at least one preselected parameter in the patient's immediate environment related to the physical parameter (33). A control element compares the physical parameter with the environmental parameter(s).

A first command signal is generated when a predetermined correlation exists between the parameters, while a second command signal is generated when it does not. The command signal can be used to base a decision to dispense medication to the patient (step 77), or to change the patient's immediate environment.

ADVANTAGE - Gives a degree of self sufficiency to patients at home. (62pp Dwg.No.9/15)

Title Terms: AUTOMATIC; HOME; CARE; PATIENT; HEALTH; MONITOR; SYSTEM;  
COMPLEX; MEDICATE; HOME; MEDICAL; SUPERVISION; RESPOND; PHYSICAL;  
ENVIRONMENT

Derwent Class: P31; P33; Q34; S05; T01

International Patent Class (Main): G06F-015/21; G06F-015/42; G06F-017/00

International Patent Class (Additional): A61B-010/00; A61J-001/03;

A61J-003/00; B65D-083/04; A61J-007-00; G06F-159/00

File Segment: EPI; EngPI

1/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008629000 \*\*Image available\*\*

WPI Acc No: 1991-133030/199118

XRPX Acc No: N91-102171

**Interactive medication delivery system - enables two types or dosages of medication to be delivered to user upon activation of one of two delivery mechanisms**

Patent Assignee: HEALTHTECH SERVICES CORP (HEAL-N); PETROFERM USA INC  
(PETR-N); HEALTH TECH SERVICES CORP (HEAL-N); HEALTHTECH SERVICES  
(HEAL-N)

Inventor: DIGIANFILIPPO A; KAUFMAN S B ; SAGER T L; DIGIANFILI A; KAUMAN S  
B

Number of Countries: 019 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9105310	A	19910418				199118	B
AU 9065243	A	19910428				199131	
US 5084828	A	19920128	US 89415172	A	19890929	199207	
EP 494230	A1	19920715	EP 90915009	A	19900928	199229	
			WO 90US5602	A	19900928		
US 5126957	A	19920630	US 89415172	A	19890928	199229	
			US 91747648	A	19910820		
JP 5502529	W	19930428	JP 90514080	A	19900928	199322	
			WO 90US5602	A	19900928		
US 5267174	A	19931130	US 89415172	A	19890929	199349	
			US 91747648	A	19910820		
			US 92877695	A	19920501		
AU 646646	B	19940303	AU 9065243	A	19900928	199414	
US 5329459	A	19940712	US 89415172	A	19890929	199427	
			US 91747648	A	19910820		
			US 92877695	A	19920501		
			US 93116080	A	19930902		
EP 494230	A4	19921223	EP 90915009	A	19900000	199524	

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Priority Applications (No Type Date): US 89415172 A 19890929; US 91747648 A 19910820; US 92877695 A 19920501; US 93116080 A 19930902

Cited Patents: US 4725997; US 4776016; US 4785969; US 4970669; 1.Jnl.Ref; EP 342859; US 4695954; US 4847764

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9105310 A

Designated States (National): AU CA JP

Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE

EP 494230 A1 E 75 G06F-015/42 Based on patent WO 9105310

Designated States (Regional): AT BE CH DE DK ES FR GB IT LI LU NL SE

US 5126957 A 26 G06F-015/42 Cont of application US 89415172

JP 5502529 W G06F-015/21 Based on patent WO 9105310

US 5267174 A 34 G06F-015/42 Cont of application US 89415172

Div ex application US 91747648

Cont of patent US 5084828

Div ex patent US 5126957

AU 646646 B G06F-015/42 Previous Publ. patent AU 9065243

Based on patent WO 9105310

US 5329459 A 35 G06F-015/42 Cont of application US 89415172

Div ex application US 91747648

Div ex application US 92877695

Cont of patent US 5084828

Div ex patent US 5126957

Div ex patent US 5267174

Abstract (Basic): WO 9105310 A

The device includes a housing (12) with two storage areas (40,42) for holding medication dosages away from the user, plus two delivery mechanisms (46,48) to permit selective delivery of dosages from either storage area.

A control element is also provided to discriminate between the actuation of the first and second delivery mechanisms, thereby discriminating between the delivery of medication housed in the first and second storage areas. In response to a first input criteria but not in response to a second input criteria, the control element actuates the first delivery mechanism.

ADVANTAGE - Enhances and expands flexible interactive system.

Provides a reasonable degree of self-sufficiency and personal control over administration of medication. (75pp Dwg.No.3/19)

Title Terms: INTERACT; MEDICATE; DELIVER; SYSTEM; ENABLE; TWO; TYPE; DOSE; MEDICATE; DELIVER; USER; ACTIVATE; ONE; TWO; DELIVER; MECHANISM

Derwent Class: P31; P33; Q34; S05; T01

International Patent Class (Main): G06F-015/21; G06F-015/42

International Patent Class (Additional): A61B-010/00; A61J-003/00;

A61J-007/00; B65D-083/04

File Segment: EPI; EngPI

1/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008211741 \*\*Image available\*\*

WPI Acc No: 1990-098742/199013

Related WPI Acc No: 1989-129468

XRPX Acc No: N90-076373

**Set with integrally formed sample cell - has fluid accumulating container integral with cell whose fluid can contact test reagents**

Patent Assignee: BAXTER INT INC (BAXT .)

Inventor: BACEHOWSKI D V; BILSTAD A C; HUEHLS P N; KAUFMAN S B ; PATTERSON

R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

April 3, 2003

US 4900321 A 19900213 US 88288522 A 19881222 199013 B

Priority Applications (No Type Date): US 88288522 A 19881222; US 86940816 A 19861212; US 8782076 A 19870805

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 4900321 A 13

Abstract (Basic): US 4900321 A

A fluid delivery system has a container with an integrally attached simple cell. A selected fluid can be accumulated in the container. The sample cell can be filled with part of the fluid in the container by heat or dielectric sealing.

The fluid in the sample cell can be brought into contact with selected test reagents. The test reagents can provide a visual indicia of the presence of selected characteristics in the fluid.

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Title Terms: SET; INTEGRAL; FORMING; SAMPLE; CELL; FLUID; ACCUMULATE;  
CONTAINER; INTEGRAL; CELL; FLUID; CAN; CONTACT; TEST; REAGENT

Derwent Class: P31

International Patent Class (Additional): A61B-019/00

File Segment: EngPI

1/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008076531 \*\*Image available\*\*

WPI Acc No: 1989-341643/198947

**Computer controlled interactive patient assistance system - monitors homebound patient condition, prompts taking of medication and summons assistance**

Patent Assignee: HEALTH TECH SERVICES CORP (HEAL-N); HEALTH TECH SERVICE (HEAL-N); HEALTHTECH SERVICES CORP (HEAL-N); HEALTHTECH SERVICE CORP (HEAL-N)

Inventor: BRYANT C L; HYLAND S; KAUFMAN S B ; LESZYNSKI M A

Number of Countries: 015 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 342859	A	19891123	EP 89304779	A	19890511	198947 B
AU 8934598	A	19891116				199002
US 4933873	A	19900612	US 88201779	A	19880602	199031
US 5142484	A	19920825	US 88194018	A	19880512	199237
			US 88201779	A	19880602	
			US 89452788	A	19891219	
EP 342859	A3	19920311	EP 89304779	A	19890511	199326
IL 90255	A	19930922	IL 90255	A	19890511	199349
US 5442728	A	19950815	US 88194018	A	19880512	199538
			US 88201779	A	19880602	
			US 89452788	A	19891219	
			US 91739892	A	19910802	
			US 92984282	A	19921201	
			US 93124997	A	19930922	
CA 1336842	C	19950829	CA 599114	A	19890509	199541
EP 342859	B1	19960710	EP 89304779	A	19890511	199632
DE 68926801	E	19960814	DE 626801	A	19890511	199638
			EP 89304779	A	19890511	
US 5868135	A	19990209	US 88194018	A	19880512	199913
			US 88201779	A	19880602	
			US 89452788	A	19891219	
			US 91739892	A	19910802	
			US 92984282	A	19921201	
			US 93124997	A	19930922	
			US 95480197	A	19950607	

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US 96692342 A 19960805

Priority Applications (No Type Date): US 88201779 A 19880602; US 88194018 A 19880512; US 89452788 A 19891219; US 91739892 A 19910802; US 92984282 A 19921201; US 93124997 A 19930922; US 95480197 A 19950607; US 96692342 A 19960805

Cited Patents: No-SR.Pub; 4.Jnl.Ref; EP 251520; US 4695954

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 342859	A	E	14		
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Designated States (Regional): AT CH DE ES FR GB GR IT LI NL SE

US 4933873	A		22		
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US 5142484	A		27	G10L-007/08	CIP of application US 88194018 Cont of application US 88201779 Cont of patent US 4933873
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US 5442728	A		21	G10L-005/00	CIP of application US 88194018 Cont of application US 88201779 Div ex application US 89452788 Cont of application US 91739892 Cont of application US 92984282 Cont of patent US 4933873 Div ex patent US 5142484
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EP 342859	B1	E	32	G06F-017/00	
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Designated States (Regional): AT CH DE ES FR GB GR IT LI NL SE

DE 68926801	E			G06F-017/00	Based on patent EP 342859
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US 5868135	A			A61B-005/00	CIP of application US 88194018 Cont of application US 88201779 Div ex application US 89452788 Cont of application US 91739892 Cont of application US 92984282 Div ex application US 93124997 Cont of application US 95480197 Cont of patent US 4933873 Div ex patent US 5142484 Div ex patent US 5442728
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IL 90255	A			G06F-015/42	
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CA 1336842	C			G06F-015/42	
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Abstract (Basic): EP 342859 A

The interactive assistance system is controlled by a programmable computer (46), which monitors (48), by diagnostic testing (28, 56, 60), the patients' condition, and dispenses medication (30) at set times (16) giving audible (16a) and voice synthesised (36) prompts. The system can also summon assistance via a telephone link (42, 44), either in response to the patients' request, or by detecting emergency conditions.

It would also be possible to remotely re-programme (44) the diagnostic or medication requirements of the patient as they respond to treatment.

ADVANTAGE - Cost effective homebound patient assistance.

(Dwg.3/14)

Title Terms: COMPUTER; CONTROL; INTERACT; PATIENT; ASSIST; SYSTEM; MONITOR; PATIENT; CONDITION; PROMPT; MEDICATE; ASSIST

Derwent Class: P31; P86; S05; T01

International Patent Class (Main): A61B-005/00; G06F-015/42; G06F-017/00; G10L-005/00; G10L-007/08

International Patent Class (Additional): G06F-159-00

File Segment: EPI; EngPI

1/5/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007990040 \*\*Image available\*\*

April 3, 2003

WPI Acc No: 1989-255152/198935  
XRPX Acc No: N89-194651

**Blood delivery system with attachable sample cell - has cell partly filled with fluid isolated from container by dielectric sealing**

Patent Assignee: BAXTER INT INC (BAXT )

Inventor: BACEHOWSKI D V; BILSTAD A C; HUEHIS P N; KAUFMAN S B ; MIRIPOL J E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4846005	A	19890711	US 8782076	A	19870805	198935 B

Priority Applications (No Type Date): US 8782076 A 19870805; US 86940816 A 19861212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4846005	A		22		

Abstract (Basic): US 4846005 A

The fluid delivery system includes a container in which the fluid can be collected or accumulated. Affixable to the container is at least one sample or specimen cell. The sample cell is in fluid flow communication with the internal volume of the container. When the fluid is accumulated in the container, a portion is available to the attachable sample cell. The sample cell and the test specimen can then be isolated from the remainder of the fluid in the container. However, even though the sample cell has been isolated, it remains attached to the container. Subsequently, the contents of the sample cell can be analyzed. In accordance with the invention, the analysis can be carried out using reagents carried in the sample cell which can be brought into contact with the test specimen. The reagents can be repositioned in the sample cell during manufacture. The test specimen is brought into contact with one or more reagents within the sealed test cell after that cell has been attached to the container.

For example, as is well known, certain reagents exhibit characteristic colours when brought into contact with various predetermined substances. Such reagents are often used on pH test strips. A visual determination can be made based on the colours exhibited by the various reagents in the reagent cells in response to the presence or absence of one or more predetermined characteristics in the test specimen. This visual determination can be repeated as often as necessary but the actual test process needs to be carried out only one time.

USE/ADVANTAGE - Testing for ABo typing, Rh determin., antibody screen, syphilis screen, HTLV 3 or HIV antibody test. Reduced errors.

Title Terms: BLOOD; DELIVER; SYSTEM; ATTACH; SAMPLE; CELL; CELL; FILLED;

FLUID; ISOLATE; CONTAINER; DIELECTRIC; SEAL

Derwent Class: S03; S05

International Patent Class (Additional): G01N-001/00

File Segment: EPI

1/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007975819

WPI Acc No: 1989-240931/198933

XRAM Acc No: C89-107358

XRPX Acc No: N89-183589

**Automatic transfer of fluid between a vial and a flexible bag - using double pointed needles and a device for compressing and releasing the bag**

Patent Assignee: BAXTER INT INC (BAXT )

Inventor: KAUFMAN S B ; ROBSON D L

Number of Countries: 001 Number of Patents: 001

April 3, 2003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4842028	A	19890627	US 8749233	A	19870513	198933 B

Priority Applications (No Type Date): US 8749233 A 19870513

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4842028	A		9		

Abstract (Basic): US 4842028 A

Fluid is transferred between a rubber diaphragm ported vial and a flexible bag, with a needle pierceable access port, by an apparatus which supports a row of double pointed hollow needles, a row of vials and the flexible bag and sequentially advances the row of vials and the row of hollow needles one by one into a position where a vial and a double ended needle are positioned aligned with a needle pierceable access port of the bag and the bag and vial are moved so as to be pierced by respective ends of the needle to provide fluid communication between the vial and bag. A mechanical device is operable to hold and compress the bag so as to force fluid from the bag through the needle into the vial and then release the compression to allow liquid to flow back into the bag, to transfer the original contents of the vial to the bag.

USE/ADVANTAGE - In adding a drug such as chemotherapeutic agent or an antibiotic to an intravenous infection fluid. Allows the transfer of vial contents to the bag in a safe steril fashion without risk of the content being contaminated or the operator coming into contact with the vial contents.

Title Terms: AUTOMATIC; TRANSFER; FLUID; VIAL; FLEXIBLE; BAG; DOUBLE; POINT ; NEEDLE; DEVICE; COMPRESS; RELEASE; BAG

Derwent Class: B07; Q31

International Patent Class (Additional): B65B-003/16

File Segment: CPI; EngPI

1/5/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007864356

WPI Acc No: 1989-129468/198917

XRPX Acc No: N89-098710

**Fluid delivery system with integrally formed sample cell - with fluid in sample cell brought into contact with selected test reagents**

Patent Assignee: BAXTER INT INC (BAXT )

Inventor: BACEHOWSKI D V; BILSTAD A C; HUEHIS P N; KAUFMAN S B ; PATTERSON R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4820297	A	19890411	US 86940816	A	19861212	198917 B

Priority Applications (No Type Date): US 86940816 A 19861212; US 8782076 A 19870805; US 88288522 A 19881222

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4820297	A		14		

Abstract (Basic): US 4820297 A

The system includes a container in which the fluid can be collected or accumulated. Affixed to the container is at least one sample or specimen cell. The sample cell is in fluid flow communication with the internal volume of the container. When the fluid is accumulated in the container, a portion flows into the sample cell. The sample cell, and its contents can then be isolated from the remainder of the fluid in

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the container. Even though the sample cell has been isolated, it is still attached to the container.

Subsequently the contents of the sample cell can be analysed. The analysis can be carried out using reagents which can be brought into contact with the fluid from the sample cell. The reagents can be prepositioned adjacent the sample cell while the container is being manufactured. The contents of the sample cell are brought into contact with one or more reagents within a sealed system attached to the container.

USE - Fluid delivery system which can be used in connection with a wide variety of fluids, esp. medical fluids such as blood.

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Title Terms: FLUID; DELIVER; SYSTEM; INTEGRAL; FORMING; SAMPLE; CELL; FLUID  
; SAMPLE; CELL; CONTACT; SELECT; TEST; REAGENT

Derwent Class: P31

International Patent Class (Additional): A61B-019/00

File Segment: EngPI

April 3, 2003

2/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07421902 \*\*Image available\*\*  
INTEGRATED PASS CODE PAIRING FOR PICONET DEVICE

PUB. NO.: 2002-290412 [JP 2002290412 A]  
PUBLISHED: October 04, 2002 (20021004)  
INVENTOR(s): CANNON JOSEPH M  
FISCHER JONATHAN H  
VESCHI JOHN P  
APPLICANT(s): AGERE SYSTEMS GUARDIAN CORP  
APPL. NO.: 2002-001874 [JP 20022001874]  
FILED: January 09, 2002 (20020109)  
PRIORITY: 01 756106 [US 2001756106], US (United States of America),  
January 09, 2001 (20010109)  
INTL CLASS: H04L-012/28

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an integrated pass code pairing for a piconet device.

SOLUTION: A user is requested to input a specific pass code or a PIN(personal identification number) manually to a relevant piconet device, and an inquiry is broadcasted to all piconet devices conducting communications. Then, only a device among other piconet devices, which has a pass code or a PIN matched with the inputted one, sends back its own unique 48-bit BD- ADDR(Bluetooth device address) to the inquiring piconet device. As an alternative, the user can select a specific pass code or a PIN associated with one or multiple other piconet devices, by inquiring and receiving an available pass code or a PIN list established already by another device in the relevant piconet device.

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2/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06919482 \*\*Image available\*\*  
CONTROLLER FOR ADAPTIVE MICROWAVE OVEN AND METHOD FOR CONTROLLING ADAPTIVE MICROWAVE OVEN

PUB. NO.: 2001-147020 [JP 2001147020 A]  
PUBLISHED: May 29, 2001 (20010529)  
INVENTOR(s): UBOWSKI RICHARD M  
VESCHI JOHN P  
APPLICANT(s): LUCENT TECHNOL INC  
APPL. NO.: 2000-283926 [JP 2000283926]  
FILED: September 19, 2000 (20000919)  
PRIORITY: 99 399147 [US 99399147], US (United States of America),  
September 20, 1999 (19990920)  
INTL CLASS: F24C-007/02; H04M-001/725; H05B-006/68; H05B-006/76

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a microwave oven capable of excluding an interference with a communication equipment (cordless telephone) disposed near the oven.

SOLUTION: The controller for an adaptive microwave oven comprises a processor, and a communication receiver for detecting the presence of a communication in a microwave frequency band near the oven.

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COPYRIGHT: (C)2001,JPO

2/5/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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06891965 \*\*Image available\*\*

SYSTEM, DEVICE AND METHOD FOR RECORDING VERBAL NOTE

PUB. NO.: 2001-119474 [JP 2001119474 A]

PUBLISHED: April 27, 2001 (20010427)

INVENTOR(s): VESCHI JOHN P

APPLICANT(s): LUCENT TECHNOL INC

APPL. NO.: 2000-130592 [JP 2000130592]

FILED: April 28, 2000 (20000428)

PRIORITY: 99 303443 [US 99303443], US (United States of America), May 03, 1999 (19990503)

INTL CLASS: H04M-001/656; H04M-001/00; H04M-011/10

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an inconspicuous dictation device by which a user conducts dictation in a public scene without causing anxiety to surrounding people when the user conducts dictation.

SOLUTION: A wireless telephone dictation device includes a dictation mode in addition to a conventional wireless telephone mode. A dictation function of the wireless telephone dictation device functions to allow the device not to be so much conspicuous to surrounding people as if the wireless telephone dictation device were a conventional wireless telephone. The wireless telephone dictation device in the dictation mode records a passage of words from a user to a proper digital memory (or an analog cassette tape). The recording is conducted by using e.g. various numerical keys of a 12-digit alphanumeric key pad under the control of buttons similar to buttons of a conventional wireless telephone.

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2/5/4 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014985305 \*\*Image available\*\*

WPI Acc No: 2003-045820/200304

XRPX Acc No: N03-036032

**Key chain rechargeable device for automobile, recharges from external power source, when key associated with securing structure is inserted in lock device**

Patent Assignee: MOONEY P D (MOON-I); VESCHI J P (VESC-I)

Inventor: MOONEY P D; VESCHI J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020109582	A1	20020815	US 2001783101	A	20010215	200304 B

Priority Applications (No Type Date): US 2001783101 A 20010215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020109582	A1	13	H04Q-001/00	

US 20020109582 A1 13 H04Q-001/00

Abstract (Basic): US 20020109582 A1

NOVELTY - An electronic device associated with a dummy key hole

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(177), is powered by a rechargeable battery (120). The key chain device e.g. a wireless RF device is recharged from an external power source, when the key (150) associated with the keyhole, is inserted into a lock device (170).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Vehicle ignition assembly;
- (2) Key chain electronic device recharging method; and
- (3) Key chain electronic device recharging apparatus.

USE - For recharging key chains used for starting automobiles, homes and offices, cabinets, drawers and garage doors.

ADVANTAGE - The device allows a simple and convenient way for the user to keep the rechargeable battery charged without the need for the user to remember to plug the device in somewhere.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of recharging key based wireless device.

Rechargeable battery (120)

Key (150)

Lock device (170)

Dummy key hole (177)

pp; 13 DwgNo 1A/8

Title Terms: KEY; CHAIN; RECHARGE; DEVICE; AUTOMOBILE; RECHARGE; EXTERNAL; POWER; SOURCE; KEY; ASSOCIATE; SECURE; STRUCTURE; INSERT; LOCK; DEVICE

Derwent Class: W02; X16; X22; X25

International Patent Class (Main): H04Q-001/00

File Segment: EPI

2/5/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014778452 \*\*Image available\*\*

WPI Acc No: 2002-599158/200264

XRPX Acc No: N02-475274

**BLUETOOTH device for piconet network, finds other BLUETOOTH devices within specific range based on PIN or passcode associated with it**

Patent Assignee: AGERE SYSTEMS GUARDIAN CORP (AGER-N); CANNON J M (CANN-I);

FISCHER J H (FISC-I); VESCHI J P (VESC-I)

Inventor: CANNON J M; FISCHER J H; **VESCHI J P**

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020090912	A1	20020711	US 2001756106	A	20010109	200264 B
GB 2372910	A	20020904	GB 2002423	A	20020109	200266
JP 2002290412	A	20021004	JP 20021874	A	20020109	200280

Priority Applications (No Type Date): US 2001756106 A 20010109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020090912	A1		11	H04B-005/00	
GB 2372910	A			H04L-012/28	
JP 2002290412	A		33	H04L-012/28	

Abstract (Basic): US 20020090912 A1

NOVELTY - The BLUETOOTH device (100) has a passcode or PIN selection/input module (104) that receives from a user, a PIN or passcode associated with another BLUETOOTH device in the piconet. The BLUETOOTH device (100) finds other BLUETOOTH devices within a specific range, that include matching PIN or passcode.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Method of obtaining unique address pairing between separate BLUETOOTH devices; and
- (2) Apparatus for obtaining unique address pairing between

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BLUETOOTH devices.

USE - BLUETOOTH device for wireless piconet networks, e.g. appliances like stove, refrigerator, toaster, blender, TV, radio, CD and DVD players, MP3 players, etc., having BLUETOOTH communication capabilities.

ADVANTAGE - Use of short and simple passcodes or PINs provides user-friendly feature to BLUETOOTH devices especially in applications including several BLUETOOTH devices. The user need not have to know the specific 48-bit address of the other BLUETOOTH devices. The user BLUETOOTH device communicates with other electronic devices sharing the same passcode or PIN without a need for the user to individually select one or more paired devices.

DESCRIPTION OF DRAWING(S) - The figure shows the BLUETOOTH device.

BLUETOOTH device (100)

Passcode or PIN selection/input module (104)

pp; 11 DwgNo 1/6

Title Terms: DEVICE; NETWORK; FIND; DEVICE; SPECIFIC; RANGE; BASED; PIN; ASSOCIATE

Derwent Class: W01

International Patent Class (Main): H04B-005/00; H04L-012/28

File Segment: EPI

2/5/6 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014539506 \*\*Image available\*\*

WPI Acc No: 2002-360209/200239

XRPX Acc No: N02-281339

**Button set for telephone customer premises equipment has button disabling module which selectively disables manual control on call-by-call basis**

Patent Assignee: AGERE SYSTEMS GUARDIAN CORP (AGER-N)

Inventor: MASTROCOLA A R; SKORKO J; VESCHI J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6339643	B1	20020115	US 99239683	A	19990129	200239 B

Priority Applications (No Type Date): US 99239683 A 19990129

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6339643	B1	15		H04M-009/00	

Abstract (Basic): US 6339643 B1

NOVELTY - The customer premises equipment includes a button disabling module which allows subsequent control signals relating to the particular keys or buttons which have been disabled to be essentially ignored. Thus, for instance, if an on-hook button is inadvertently depressed while the on-hook button has been disabled by the button disabling module, the telephone line interface of the telephone will not signal the termination of the telephone call to the central office.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a manual control disabling method;

(b) and a manual control disabling device.

USE - For telephone customer premises equipment (CPE).

ADVANTAGE - Inhibits inadvertent activation of buttons of telephone CPE e.g. key-pad. Prevents interruptions and other annoyances to users of telephone system as desired during time when telephone is being used.

DESCRIPTION OF DRAWING(S) - The figure shows the top view of a telephone CPE.

pp; 15 DwgNo 2/7

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Title Terms: BUTTON; SET; TELEPHONE; CUSTOMER; PREMISES; EQUIPMENT; BUTTON;  
DISABLE; MODULE; SELECT; DISABLE; MANUAL; CONTROL; CALL; CALL; BASIS  
Derwent Class: W01  
International Patent Class (Main): H04M-009/00  
File Segment: EPI

2/5/7 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014188783 \*\*Image available\*\*  
WPI Acc No: 2002-009480/200201  
XRPX Acc No: N02-007873

**Telephone produces speed dial number updating signal on receiving voice  
signal indicating change in area code without change in local number**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: VESCHI J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6298131	B1	20011002	US 9850346	A	19980330	200201 B

Priority Applications (No Type Date): US 9850346 A 19980330

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6298131	B1		8	H04M-001/27	

Abstract (Basic): US 6298131 B1

NOVELTY - An input unit provides an updating signal to speed dial number updating unit, on receiving a voice signal indicating the change in the area code without the change in the local number.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for telephone number updating method.

USE - Telephone with pre-programmed speed dial mechanism.

ADVANTAGE - The alerting voice signal is established as a signal that cannot be accidentally created during a voice conversation, thus providing additional safeguards to prevent accidental initiation of an updating process by input unit. Once a user of telephone, programs the speed dial memory to include the telephone numbers of friends and family members, the user need not re-program the speed dial memory if, the area code of some of the user's friends and family members change.

DESCRIPTION OF DRAWING(S) - The figure shows an exemplary flowchart of operation of a telephone.

pp; 8 DwgNo 5/5

Title Terms: TELEPHONE; PRODUCE; SPEED; DIAL; NUMBER; UPDATE; SIGNAL;  
RECEIVE; VOICE; SIGNAL; INDICATE; CHANGE; AREA; CODE; CHANGE; LOCAL;  
NUMBER

Derwent Class: W01

International Patent Class (Main): H04M-001/27

File Segment: EPI

2/5/8 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014094215 \*\*Image available\*\*  
WPI Acc No: 2001-578429/200165  
XRPX Acc No: N01-430345

**Global positioning system-based restraint system for positional  
monitoring systems monitors position of subject to which  
receiver-transmitter is attached**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: GRILLO A; VESCHI J P

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6232916	B1	20010515	US 99387180	A	19990831	200165 B

Priority Applications (No Type Date): US 99387180 A 19990831

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6232916	B1	7	H04B-007/185	

Abstract (Basic): US 6232916 B1

NOVELTY - A GPS receiver-transmitter (12) uses a mapping algorithm to calculate programmed confinement area from input waypoints, and has a comparator that compares the present position with the programmed confinement area. A base station receiver receives the output transmitted by the receiver-transmitter. The position of a subject (100) is monitored when the receiver-transmitter is attached to the subject.

USE - For positional monitoring systems.

ADVANTAGE - Provides readily transportable system which can be used in new or same location to cover new confinement area or reconfigured existing confinement area. Eases establishment of new or reconfigured confinement area with appropriate positional fixes taken along new perimeter. Eliminates reinstallation costs associated with wire perimeter systems. Provides system that is not subject to blackout areas of other systems. Provides accurate and reliable confinement boundaries for restraining subject within selected confinement area. Enables system to be readily configured to monitor detainees or other subjects.

DESCRIPTION OF DRAWING(S) - The figure is the perspective view of the GPS-based restraint system.

GPS receiver-transmitter (12)

Subject (100)

pp; 7 DwgNo 2/2

Title Terms: GLOBE; POSITION; SYSTEM; BASED; RESTRAIN; SYSTEM; POSITION;

MONITOR; SYSTEM; MONITOR; POSITION; SUBJECT; RECEIVE; TRANSMIT; ATTACH

Derwent Class: T01; W02; W06

International Patent Class (Main): H04B-007/185

File Segment: EPI

2/5/9 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013923155 \*\*Image available\*\*

WPI Acc No: 2001-407368/200143

XRPX Acc No: N01-301338

Hand tool such as a screwdriver includes a writing element in a cavity of the tool shaft having flanges enabling the writing element to be extended from the tool head

Patent Assignee: VESCHI J P (VESC-I)

Inventor: VESCHI J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6253403	B1	20010703	US 9770209	A	19971231	200143 B
			US 98220643	A	19981224	

Priority Applications (No Type Date): US 9770209 P 19971231; US 98220643 A 19981224

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6253403	B1	6	B25B-015/00	Provisional application US 9770209

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Abstract (Basic): US 6253403 B1

NOVELTY - A hand tool comprises a handle (107), a tool head (100) and a shaft (109) between handle and head containing a cavity (111). A writing element such as a pencil lead is positioned in the cavity and is extendable from the head.

USE - As a screwdriver, wall stud detector etc for eg carpenters, at-home handymen etc.

ADVANTAGE - The tool incorporates a writing function to mark a position on a wall etc.

DESCRIPTION OF DRAWING(S) - The drawing shows a screwdriver incorporating a writing element in the head.

Handle (107)

Shaft (109)

Head (100)

Head opening (110)

Internal chamber holding a pencil lead. (111)

pp; 6 DwgNo 2/7

Title Terms: HAND; TOOL; SCREWDRIVER; WRITING; ELEMENT; CAVITY; TOOL; SHAFT ; FLANGE; ENABLE; WRITING; ELEMENT; EXTEND; TOOL; HEAD

Derwent Class: P62

International Patent Class (Main): B25B-015/00

File Segment: EngPI

2/5/10 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013834669 \*\*Image available\*\*

WPI Acc No: 2001-318881/200134

XRPX Acc No: N01-229194

Adaptive microwave oven used in homes or office kitchens, enters an operation mode which avoids interference with a cordless telephone or similar either upon detecting communication from the telephone or upon receipt of a command

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE ); AGERE SYSTEMS GUARDIAN CORP (AGER-N)

Inventor: UBOWSKI R M; VESCHI J P

Number of Countries: 028 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1085785	A2	20010321	EP 2000307861	A	20000911	200134 B
CA 2318671	A1	20010320	CA 2318671	A	20000911	200134
JP 2001147020	A	20010529	JP 2000283926	A	20000919	200136
US 6316758	B1	20011113	US 99399147	A	19990920	200173
			US 2000695859	A	20001026	
US 6346692	B1	20020212	US 99399147	A	19990920	200219

Priority Applications (No Type Date): US 99399147 A 19990920; US 2000695859 A 20001026

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1085785	A2	E	11	H05B-006/80	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

CA 2318671	A1	E		F24C-007/02	
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JP 2001147020	A		6	F24C-007/02	
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US 6316758	B1			H05B-006/68	Cont of application US 99399147
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US 6346692	B1			H05B-006/68	
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Abstract (Basic): EP 1085785 A2

NOVELTY - Cooking mode is paused (or reduced) to avoid interference with microwave signals between a remote handset (113) and telephone base unit (102). The activity of microwave communications is determined by using a passive cordless telephone receiver detecting activity in

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the microwave range, or by using direct communications from the cordless telephone using a suitable wireless network e.g., a piconet using Bluetooth technology.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a method of adaptively controlling a microwave oven.

USE - With microwave ovens used in homes or office kitchens.

ADVANTAGE - Adaptively avoids interference with communication devices e.g. cordless telephones, operating in the microwave frequency range.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the invention.

Telephone receiver unit (102)

Timer (104)

Keypad controls (106)

Shielded enclosure (112)

Cordless telephone remote handset (113)

Microwave generator (114)

Microwave controller/microprocessor (120)

pp; 11 DwgNo 1/5

Title Terms: ADAPT; MICROWAVE; OVEN; HOME; OFFICE; KITCHEN; ENTER; OPERATE; MODE; AVOID; INTERFERENCE; CORD; TELEPHONE; SIMILAR; DETECT; COMMUNICATE; TELEPHONE; RECEIPT; COMMAND

Derwent Class: W01; W02; W05; X25; X27

International Patent Class (Main): F24C-007/02; H05B-006/68; H05B-006/80

International Patent Class (Additional): H04B-015/02; H04M-001/725;

H05B-006/76

File Segment: EPI

2/5/11 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013485993 \*\*Image available\*\*

WPI Acc No: 2000-657936/200064

XRPX Acc No: N00-487839

**A cellular wireless telephone with a dictation facility for recording short verbal messages includes a controller allowing access of a microphone and speaker to a dictation control module to record and playback stored messages**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: VESCHI J P

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1051015	A2	20001108	EP 2000303458	A	20000425	200064 B
JP 2001119474	A	20010427	JP 2000130592	A	20000428	200130

Priority Applications (No Type Date): US 99303443 A 19990503

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1051015	A2	E	10	H04M-001/725	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

JP 2001119474	A		30	H04M-001/656	
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Abstract (Basic): EP 1051015 A2

NOVELTY - A cellular wireless telephone includes a keypad (102), an antenna (114), a display (116), a microphone (202), a speaker (204), a radio frequency (RF) front end (210) and wireless handset functionality (240). A controller (230) allows access of the microphone and speaker to a dictation control module (200) for recording and playing back verbal messages stored in a voice passage memory (220). A speech-to-text module allows a text version of the spoken words on the display.

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DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of recording dictation on a cellular wireless telephone.

USE - The cellular wireless telephone with a dictation facility is used for recording short verbal messages.

ADVANTAGE - The device combines a cellular telephone facility with a dictation device. When dictating it appears that the user is speaking on a mobile telephone and does not cause unease to others close by. It may provide voice to text conversion and display. The recorded, dictated message may be relayed over the cellular telephone.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of a cellular wireless telephone with a dictation facility.

Keypad (102)  
Antenna (114)  
Display (116)  
Dictation control module (200)  
Microphone (202)  
Speaker (204)  
RF front end (210)  
Voice passage memory (220)  
Controller (230)  
Wireless handset functionality (240)  
pp; 10 DwgNo 2/4

Title Terms: CELLULAR; WIRELESS; TELEPHONE; DICTATE; FACILITY; RECORD;  
SHORT; VERBAL; MESSAGE; CONTROL; ALLOW; ACCESS; MICROPHONE; SPEAKER;  
DICTATE; CONTROL; MODULE; RECORD; PLAYBACK; STORAGE; MESSAGE  
Derwent Class: W01  
International Patent Class (Main): H04M-001/656; H04M-001/725  
International Patent Class (Additional): H04M-001/00; H04M-011/10  
File Segment: EPI

2/5/12 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013414860 \*\*Image available\*\*  
WPI Acc No: 2000-586798/200055  
XRPX Acc No: N00-434263

Base unit for cordless telephone, has call forwarding unit that sends incoming call to forwarding number when handset is not registered into registration unit

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )  
Inventor: GRUNDTVIG J P; VESCHI J P  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6122502	A	20000919	US 97996582	A	19971223	200055 B

Priority Applications (No Type Date): US 97996582 A 19971223

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6122502	A	7	H04Q-007/20	

Abstract (Basic): US 6122502 A

NOVELTY - A call forwarding unit (115) sends an incoming call to a forwarding number when a handset (107) is not registered into a registration unit (111). The forwarding number corresponds to another base unit if the handset is registered into the other base unit. The forwarding number corresponds to a cellular phone number associated with the handset if the handset is not registered into the other base unit.

DETAILED DESCRIPTION - A call handling unit (113) handles the incoming call when the handset is registered into the registration unit. INDEPENDENT CLAIMS are also included for the following:

(a) a cordless telephone;

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- (b) an incoming call handling method;
- (c) and a cordless telephone system.

USE - For cordless telephone.

ADVANTAGE - Enables use of handset for multiple base units. Ensures proper routing of incoming call to base unit.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a cordless telephone.

Handset (107)

Registration unit (111)

Call handling unit (113)

Call forwarding unit (115)

pp; 7 DwgNo 1/2

Title Terms: BASE; UNIT; CORD; TELEPHONE; CALL; FORWARDING; UNIT; SEND;

INCOMING; CALL; FORWARDING; NUMBER; HANDSET; REGISTER; REGISTER; UNIT

Derwent Class: W01; W02

International Patent Class (Main): H04Q-007/20

International Patent Class (Additional): H04Q-007/24; H04Q-007/38

File Segment: EPI

2/5/13 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013414856 \*\*Image available\*\*

WPI Acc No: 2000-586794/200055

XRPX Acc No: N00-434259

Telephone has light sensor which disables ringer and speaker of integrated telephone answering device if detected level of ambient light is below threshold value

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: VESCHI J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6122366	A	20000919	US 98116504	A	19980716	200055 B

Priority Applications (No Type Date): US 98116504 A 19980716

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6122366	A	7	H04M-019/02	

Abstract (Basic): US 6122366 A

NOVELTY - A ringing circuit (113) receives a ringing signal and outputs a corresponding signal for actuating a ringer. A light sensor (501) detects the level of ambient light. The light sensor disables the ringer and the speaker (608) of an integrated telephone answering device if the detected level is below a threshold value.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a sound controlling method;

(b) a ringing signal responding method.

USE - Telephone.

ADVANTAGE - Uses ringer which adjusts according to environment.

DESCRIPTION OF DRAWING(S) - The figure shows the simplified block diagram of a telephone.

Ringing circuit (113)

Light sensor (501)

Speaker (608)

pp; 7 DwgNo 6/6

Title Terms: TELEPHONE; LIGHT; SENSE; DISABLE; RING; SPEAKER; INTEGRATE;

TELEPHONE; ANSWER; DEVICE; DETECT; LEVEL; AMBIENT; LIGHT; BELOW;

THRESHOLD; VALUE

Derwent Class: W01

International Patent Class (Main): H04M-019/02

April 3, 2003

File Segment: EPI

2/5/14 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013249506 \*\*Image available\*\*  
WPI Acc No: 2000-421389/200036  
XRPX Acc No: N00-314273

Cordless telephone system has television signaling unit which outputs a television control signal, based on caller ID data in telephone signal  
Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )  
Inventor: GRUNDTVIG J P; MCLELLAN S W; VESCHI J P  
Number of Countries: 004 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6061435	A	20000509	US 97943535	A	19971003	200036 B
JP 11220529	A	19990810	JP 98282478	A	19981005	200036
KR 99036813	A	19990525	KR 9841566	A	19981002	200036
TW 408536	A	20001011	TW 98116496	A	19981008	200116

Priority Applications (No Type Date): US 97943535 A 19971003

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6061435	A		8	H04M-011/00	
JP 11220529	A		8	H04M-001/72	
KR 99036813	A			H04B-007/26	
TW 408536	A			H04B-007/26	

Abstract (Basic): US 6061435 A

NOVELTY - A signal processor (111) is adapted to process caller ID data within an incoming call telephone signal. A television signaling unit outputs a television control signal, based on the caller ID data in the telephone signal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for incoming call receiving method.

USE - For use in remote controlling of stereo, VCR, CD player, television, lamp, garage door opener, dishwasher.

ADVANTAGE - User of cordless telephone handset can control the TV without establishing line-of-sight between handset and television.

DESCRIPTION OF DRAWING(S) - The figure shows simplified block diagram of cordless telephone.

Signal processor (111)  
pp; 8 DwgNo 1/3

Title Terms: CORD; TELEPHONE; SYSTEM; TELEVISION; UNIT; OUTPUT; TELEVISION; CONTROL; SIGNAL; BASED; CALL; ID; DATA; TELEPHONE; SIGNAL

Derwent Class: W01; W02

International Patent Class (Main): H04B-007/26; H04M-001/72; H04M-011/00

International Patent Class (Additional): H04B-001/00; H04Q-007/20;

H04Q-007/38

File Segment: EPI